

#6

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/540,086
Source: PCR
Date Processed by STIC: 2/21/06

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 02/21/2006

PATENT APPLICATION: US/10/540,086

TIME: 12:57:06

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\02212006\J540086.raw

```

1 <110> APPLICANT: Hanuman-Thappa, Krishna Prasad
2   Prabhakar, Savita
3   Mishra, Anjaki
4   Sivaswami, Tyagi Jaya
6 <120> TITLE OF INVENTION: THE CHARACTERIZATION OF HUPB GENE ENCODING HISTONE LIKE
PROTEIN OF
7   MYCOBACTERIUM TUBERCULOSIS
9 <130> FILE REFERENCE: 4544-051936
11 <140> CURRENT APPLICATION NUMBER: US 10/540,086
12 <141> CURRENT FILING DATE: 2005-06-20
14 <150> PRIOR APPLICATION NUMBER: PCT/IN2003/000302
15 <151> PRIOR FILING DATE: 2003-09-09
17 <150> PRIOR APPLICATION NUMBER: IN1274/DEL/2002
18 <151> PRIOR FILING DATE: 2002-12-18
20 <160> NUMBER OF SEQ ID NOS: 10
22 <170> SOFTWARE: MicrosoftWord 2003
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 24
26 <212> TYPE: DNA
27 <213> ORGANISM: Mycobacteria-N
29 <220> FEATURE:
31 <400> SEQUENCE: 1
33 ggaggggttg gatgaacaaa gcag                                     24
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 25
37 <212> TYPE: DNA
38 <213> ORGANISM: Mycobacteria-S
40 <220> FEATURE:
42 <400> SEQUENCE: 2
44 gtatccgtgt gtcttgacct atttg                                     25
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 20
48 <212> TYPE: DNA
49 <213> ORGANISM: Mycobacteria-M
51 <220> FEATURE:
53 <400> SEQUENCE: 3
55 gcagccaaga aggtagcgaa                                         20
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 18
60 <212> TYPE: DNA
61 <213> ORGANISM: Mycobacteria-F
63 <220> FEATURE:
65 <400> SEQUENCE: 4
67 ccaagaaggc gacaaagg                                           18

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69 <210> SEQ ID NO: 5
70 <211> LENGTH: 18
71 <212> TYPE: DNA
72 <213> ORGANISM: Mycobacteria-R
74 <220> FEATURE:
76 <400> SEQUENCE: 5
78 gacagctttc ttggcggg                                     18
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 645
82 <212> TYPE: DNA
83 <213> ORGANISM: hupB-M. tuberculosis, Rv2986c, Accession No. P95109
85 <220> FEATURE:
87 <400> SEQUENCE: 6
89 atgaacaaag cagagctcat tgacgtgctc acacagaaat tgggctcgga ccgtcggcag          60
90 gcgaccgccg ccgtcgagaa tgtcggtgac acgattgtgc gtgcggtaca caaaggcgac          120
91 agcgtcacca ttaccgggtt cgggtgtgtt gaacagcgtc gccgcgcggc tcgagtggcc          180
92 cgcaatccgc gtaccggcga gacagtaaag gtgaagccga cgtcgggtgcc ggcgttcgcg          240
93 ccgggcgcgc aattcaaagc ggttgtgtct ggcgcgcagc gtctcccgcc agaaggaccc          300
94 gctgttaagc gtggtgtggg ggccagtgca gccaagaagg tagcgaagaa ggcacctgcc          360
95 aagaaggcga caaaggccgc caagaaggcg gcgaccaagg cggccgccag gaaggcggcg          420
96 accaaggcgc ccgccaagaa agcggcgacc aaggcgcccg ccaagaaagc tgtcaaggcc          480
97 acgaagtcac ccgccaagaa ggtgaccaag gcggtgaaga agaccgcggt caaggcatcg          540
98 gtgcgtaagg cggcgaccaa ggcgcgggca aagaaggcag cggccaagcg gccggctacc          600
99 aaggctcccc ccaagaaggc aaccgctcgg cggggtcgca aatag                                645
101 <210> SEQ ID NO: 7
102 <211> LENGTH: 618
103 <212> TYPE: DNA
104 <213> ORGANISM: Hlp of Mycobacterium bovis, Accession No. Y18421
W--> 105 <220> FEATURE:
107 <400> SEQUENCE: 7
109 atgaacaaag cagagctcat tgacgtgctc acacagaaat tgggctcgga ccgtcggcag          60
110 gcgaccgccg ccgtcgagaa tgtcggtgac acgattgtgc gtgcggtaca caaaggcgac          120
111 agcgtcacca ttaccgggtt cgggtgtgtt gaacagcgtc gccgcgcggc tcgagtggcc          180
112 cgcaatccgc gtaccggcga gacagtaaag gtgaagccga cgtcgggtgcc ggcgttcgcg          240
113 ccgggcgcgc aattcaaagc ggttgtgtct ggcgcgcagc gtctcccgcc agaaggaccc          300
114 gctgttaagc gtggtgtggg ggccagtgca gccaagaagg tagcgaagaa ggcacctgcc          360
115 aagaaggcga caaaggccgc caagaaggcg gcgaccaagg cggccgccaa gaaagcggcg          420
116 accaaggcgc ccgccaagaa agctgtcaag gccacgaagt caccgcgcaa gaaggcgacc          480
117 aaggcggtga agaagaccgc ggtcaaggca tcggtgcgta aggcggcgac caaggcgccg          540
118 gcaaagaagg cagcggccaa gcggcgggct accaaggctc ccgccaagaa ggcaaccgct          600
119 cggcggggtc gcaaatag                                618
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 16
123 <212> TYPE: PRT
124 <213> ORGANISM: Mycobacteria
126 <220> FEATURE:
128 <400> SEQUENCE: 8
130 Val Lys Pro Thr Ser Val Pro Ala Phe Arg Pro Gly Ala Glu Phe Lys
131 1                               5                               10                               15

```

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Input Set : A:\PTO.KD.txt

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133 <210> SEQ ID NO: 9
134 <211> LENGTH: 22
135 <212> TYPE: DNA
136 <213> ORGANISM: Mycobacteria
138 <220> FEATURE:
140 <400> SEQUENCE: 9
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144 <210> SEQ ID NO: 10
145 <211> LENGTH: 21
146 <212> TYPE: DNA
147 <213> ORGANISM: Mycobacteria
149 <220> FEATURE:
151 <400> SEQUENCE: 10
153 accacccaaa accggatcga t 21

VERIFICATION SUMMARY

DATE: 02/21/2006

PATENT APPLICATION: US/10/540,086

TIME: 12:57:07

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\02212006\J540086.raw

L:105 M:283 W: Missing Blank Line separator, <220> field identifier